

FIG. 1

FIG. 2

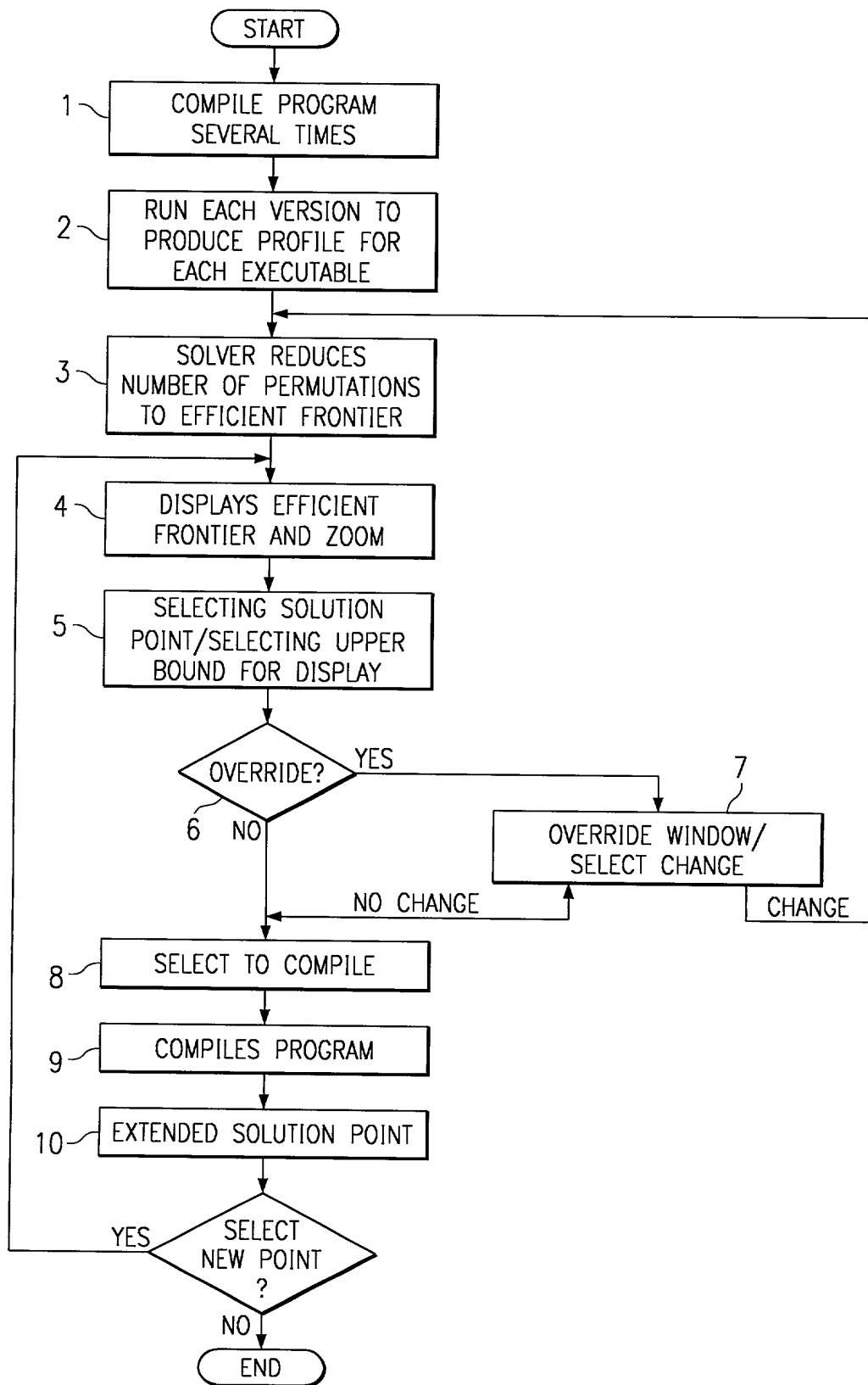


FIG. 3A

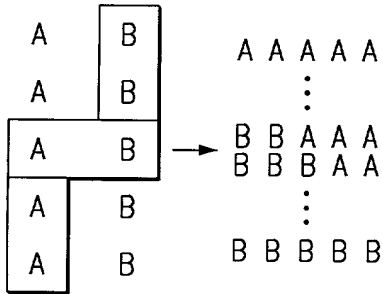


FIG. 3B

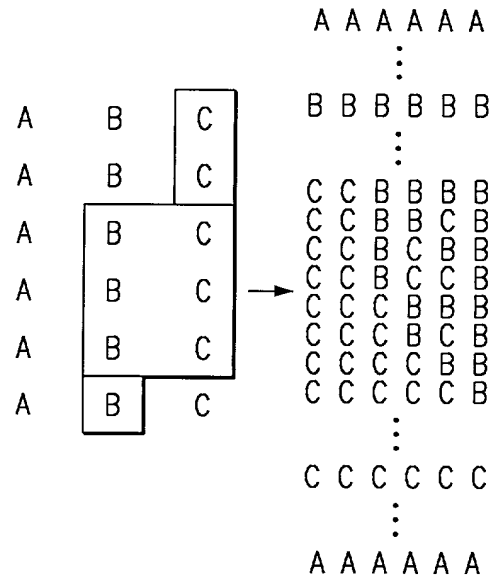


FIG. 4

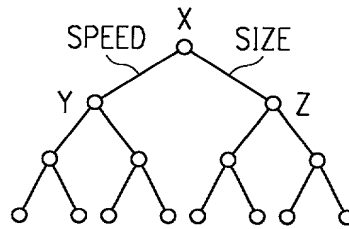


FIG. 5

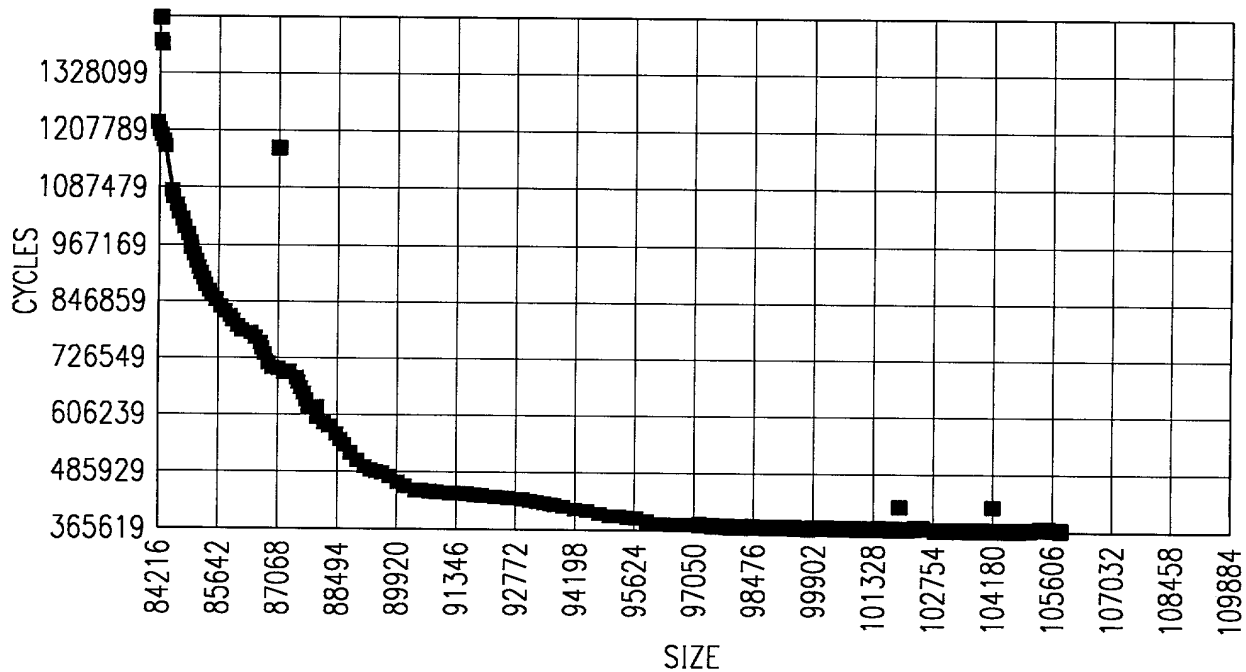


FIG. 6

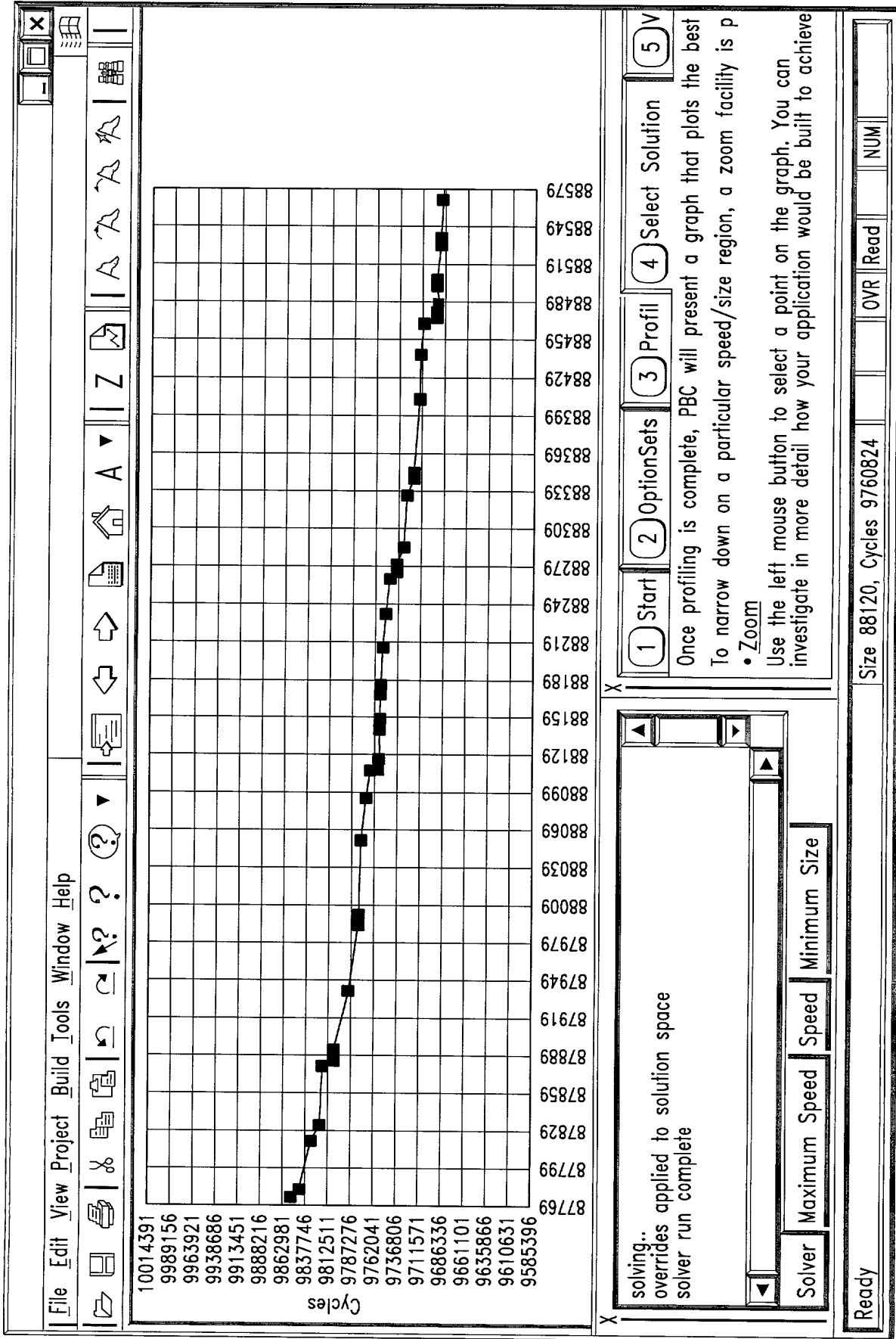


FIG. 7

Function	Cycles	Size	Option Set	Options
decoder_homing_fra...	26	80	Size	-o3-oi0-ms2
rx_dtx	99	900	Minimum Size	-o3-oi0-ms3
D_plfs_5	641	1716	Minimum Size	-o3-oi0-ms3
Q_plsf_5	744	1448	Minimum Size	-o3-oi0-ms3
decoder_reset	296	368	Minimum Size	-o3-oi0-ms3
Int_lpc2	296	224	Minimum Size	-o3-oi0-ms3
Lsf_wt	770	236	Minimum Size	-o3-oi0-ms3
main	2919	1680	Minimum Size	-o3-oi0-ms3
reset_rx_dtx	274	172	Minimum Size	-o3-oi0-ms3
reset_tx_dtx	315	184	Minimum Size	-o3-oi0-ms3
Enc_lag6	242	344	Minimum Size	-o3-oi0-ms3
vad_reset	506	184	Size	-o3-oi0-ms2
Int_lnc	616	272	Minimum Size	-o3-oi0-ms3

FIG. 8

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Overrides

Function	OptionSet/Rule
Int_Pre_Process	None
set_sign	None
search_10i40	None
q_p	None
cor_h_x	None
cor_h	None
build_code	None
code_10i40_35bits	None
Coder_12k2	None
Vq_subvec_s	None
Vq_subvec	None
Lsf_wt	None
Q_plsf_5	None

Rule

☐ Smallest
 ☐ Fastest
 ☐ None

OptionSet	Cycles	Size	Options
<input type="radio"/> Maximum Speed	67480	6364	-o3-o10
<input type="radio"/> Aggressive Speed	67864	6316	-o3-o10-ms0
<input type="radio"/> Speed	66380	6492	-o3-o10-ms1
<input type="radio"/> Size	217240	5048	-o3-o10-ms2
<input type="radio"/> Minimum Size	292348	5056	-o3-o10-ms3

FIG. 9

Estimated:				Actual:			
Cycles:	414834			Cycles:	414834		
Size:	53024			Size:	53068		
Unprofiled Cycles:	80458			Unprofiled Cycles:	80532		
Unprofiled Size:	36388			Unprofiled Size:	36436		
Total Cycles:	495292			Total Cycles:	495366		
Total Size:	89412			Total Size:	89504		

Function	Estimated C...	Estimated Size	Option Set	Profiled Cycles	Profiled Size	Delta Cycle	Delta Size
search_10i40	66380	6492	Speed	66380	6516	0	-24
Syn_fill	32928	744	Maximum Spe..	32928	744	0	0
Vq_subvec	25520	320	Minimum Size	25520	320	0	0
Lag_max	22404	708	Maximum Spe..	22404	708	0	0
Vq_subvec_s	19769	616	Minimum Size	19769	616	0	0
Norm_Corr	16466	1280	Maximum Spe..	16466	1280	0	0
Coder_12k2	16030	3520	Minimum Size	16030	3520	0	0